



**BUILDING CODE COMPLIANCE OFFICE (BCCO)  
PRODUCT CONTROL DIVISION**

**MIAMI-DADE COUNTY, FLORIDA  
METRO-DADE FLAGLER BUILDING  
140 WEST FLAGLER STREET, SUITE 1603  
MIAMI, FLORIDA 33130-1563  
(305) 375-2901 FAX (305) 375-2908**

## **NOTICE OF ACCEPTANCE (NOA)**

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**PGT Industries  
1070 Technology Drive  
Nokomis, FL 34275**

### **SCOPE:**

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

### **DESCRIPTION: Series "FD-101" Aluminum Sidelite**

**APPROVAL DOCUMENT:** Drawing No. **992**, titled "Aluminum Sidelite", sheets 1 through 5 of 5, dated 11/17/03, prepared by manufacturer, signed and sealed by Lucas A. Turner, P.E., bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Division.

### **MISSILE IMPACT RATING: None**

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

**RENEWAL** of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

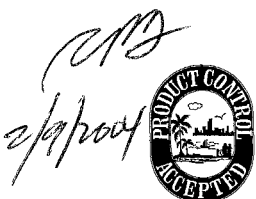
**TERMINATION** of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**INSPECTION:** A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Theodore Berman, P.E.**



**NOA No 03-1223.01  
Expiration Date: March 04, 2009  
Approval Date: March 04, 2004  
Page 1**

**PGT Industries**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.
2. Drawing No. **992**, titled "Aluminum Sidelite", sheets 1 through 5 of 5, dated 11/17/03, prepared by manufacturer, signed and sealed by Lucas A. Turner, P.E.

**B. TESTS**

1. Test reports on 1) Air Infiltration Test, per PA 202-94  
2) Uniform Static Air Pressure Test, Loading per PA 202-94  
3) Water Resistance Test, per PA 202-94  
along with marked-up drawings and installation diagram of an "Aluminum Sidelite", prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-3922**, dated 09/16/03, signed and sealed by Joseph C. Chan, P.E.
2. Test reports on 1) Air Infiltration Test, per PA 202-94  
2) Uniform Static Air Pressure Test, Loading per PA 202-94  
3) Water Resistance Test, per PA 202-94  
along with marked-up drawings and installation diagram of an O configuration 74" wide by 37" high series PW-701 aluminum fixed window glazed with 3/16" annealed glass, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-3923**, dated 03/16/03, signed and sealed by Joseph C. Chan, P.E.

**C. CALCULATIONS**

1. Comparative Analysis, ASTM-E1300-98, and Anchor Calculations, prepared by PGT Engineering, dated 12/18/03, signed and sealed by Lucas A. Turner, P. E.

**D. QUALITY ASSURANCE**

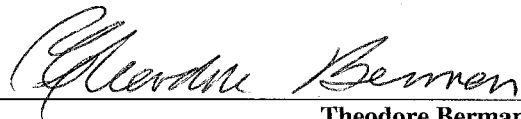
1. Miami Dade Building Code Compliance Office (BCCO).

**E. MATERIAL CERTIFICATIONS**

1. None.

**F. STATEMENTS**

1. Laboratory compliance letter for Test Report no. FTL-03137, issued by Fenestration Testing Laboratory, Inc., dated 10/01/03, signed and sealed by Joseph Chan, P.E.
2. Laboratory compliance letter for Test Report no. FTL-03138, issued by Fenestration Testing Laboratory, Inc., dated 10/01/03, signed and sealed by Joseph Chan, P.E.



Theodore Berman, P.E.

Deputy Director, Product Control Division

NOA No 03-1223.01

Expiration Date: March 04, 2009

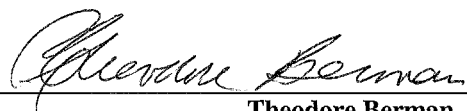
Approval Date: March 04, 2004

**PGT Industries**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**G. OTHER**

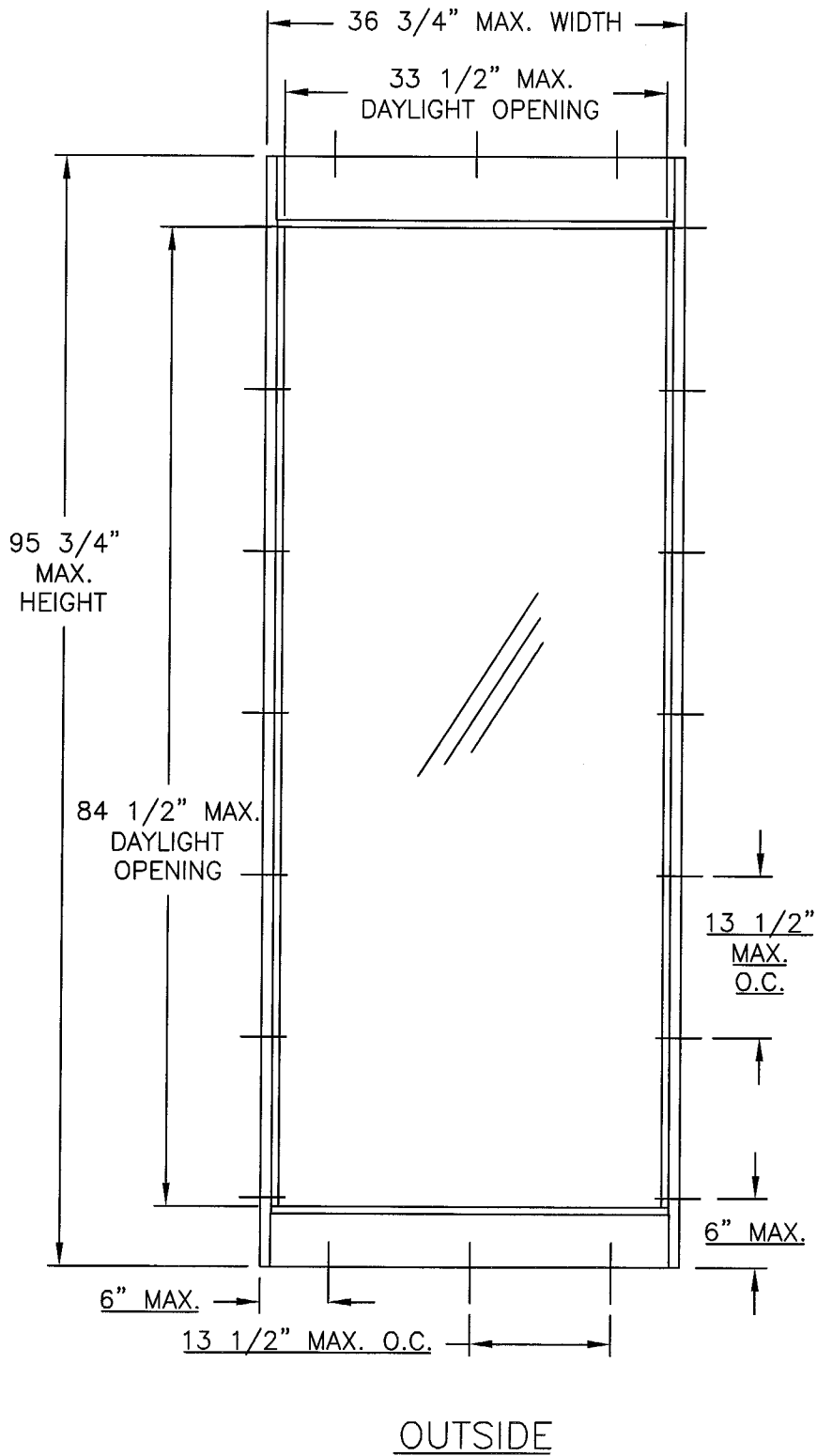
1. Letter from the consultant stating that the product is in compliance with Florida Building Code (FBC)



Theodore Berman, P.E.  
Deputy Director, Product Control Division  
NOA No 03-1223.01  
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Approval Date: March 04, 2004

NOTES: NON-IMPACT SIDELITES

1. GLAZING OPTIONS:  
A. 3/16 TEMPERED GLASS.  
B. 5/8" I.G. GLASS COMPRISED OF (2) LITES OF 3/16" TEMPERED GLASS WITH A 1/4" AIR SPACE.
2. DESIGN PRESSURE RATINGS: (SEE TABLE BELOW)  
A. NEGATIVE DESIGN LOADS BASED ON TESTED PRESSURE AND GLASS TABLES ASTM E 1300-98 (AND ASTM E 1300-94 OUTSIDE MIAMI-DADE COUNTY).  
B. POSITIVE DESIGN LOADS BASED ON WATER TEST PRESSURE AND GLASS TABLES ASTM E 1300-98 (AND ASTM E 1300-94 OUTSIDE MIAMI-DADE COUNTY).
3. ANCHORAGE (UNDERLINED DIMENSIONS): 3/16" TAPCONS OR #10 SCREWS  
HEAD, SILL & JAMBS: 6" MAX. FROM CORNERS AND 13 1/2" MAX. O.C.
4. MIAMI-DADE COUNTY APPROVED SHUTTERS ARE REQUIRED IN MIAMI-DADE AND WHERE IMPACT RESISTANCE IS REQUIRED.
5. NARROW JOINT SEALANT IS USED ON ALL FOUR CORNERS OF THE FRAME.
6. NOT INTENDED FOR DIRECT ATTACHMENT TO FRENCH DOOR - MIAMI-DADE COUNTY APPROVED MULLION OR STRUCTURAL MEMBER REQUIRED BETWEEN SIDELITE AND DOOR.
7. REFERENCE TEST REPORTS: FTL-3922 AND FTL-3923.



COMPARATIVE ANALYSIS (DESIGN PRESSURES PSF)

GLASS FTL-3923, 3/16" TEMPERED  
TYPES: FTL-3922, 5/8" I.G. (3/16"T, 1/4"SPACE, 3/16"T)

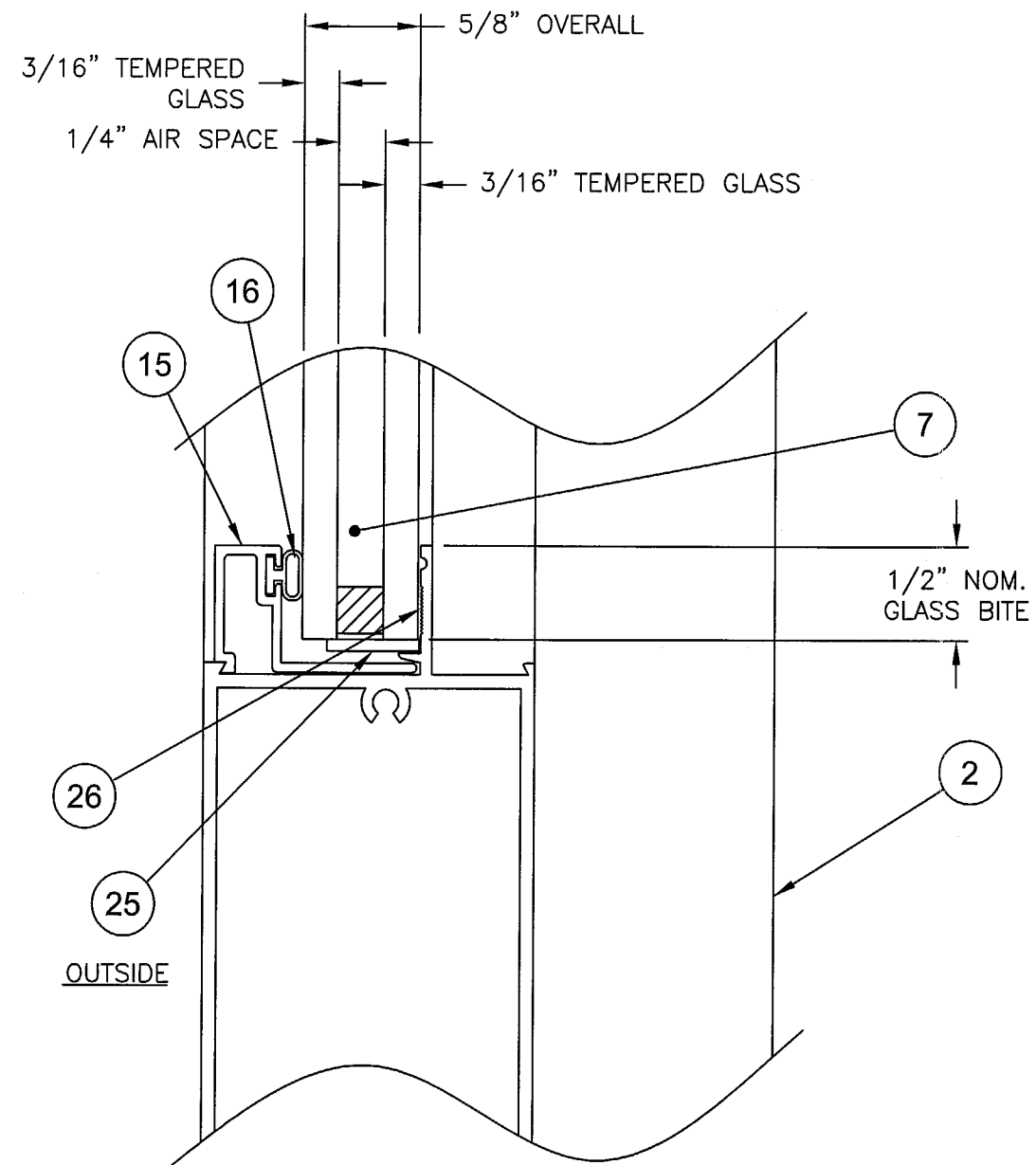
| SIDELITE<br>WIDTH | SIDELITE HEIGHT |        |         |        |         |        |         |        |
|-------------------|-----------------|--------|---------|--------|---------|--------|---------|--------|
|                   | 79 3/4"         |        | 83 3/4" |        | 87 3/4" |        | 95 3/4" |        |
| 10 3/4"           | 100.0           | -210.0 | 100.0   | -202.5 | 100.0   | -192.7 | 100.0   | -175.6 |
| 11 7/8"           | 100.0           | -194.6 | 100.0   | -184.6 | 100.0   | -175.6 | 100.0   | -160.0 |
| 12 3/4"           | 100.0           | -182.4 | 100.0   | -172.9 | 100.0   | -164.4 | 100.0   | -149.7 |
| 19"               | 100.0           | -127.8 | 100.0   | -120.9 | 100.0   | -114.8 | 100.0   | -104.1 |
| 21 3/4"           | 100.0           | -113.9 | 100.0   | -107.6 | 100.0   | -102.0 | 92.4    | -92.4  |
| 27 3/4"           | 93.3            | -93.3  | 88.0    | -88.0  | 83.2    | -83.2  | 75.1    | -75.1  |
| 36 3/4"           | 60.0            | -60.0  | 60.0    | -60.0  | 60.0    | -60.0  | 60.0    | -60.0  |

Approved as complying with the  
Florida Building Code  
Date 03/04/04  
NOA# 03-1223-01  
Miami Dade Product Control  
Division  
By: *[Signature]*

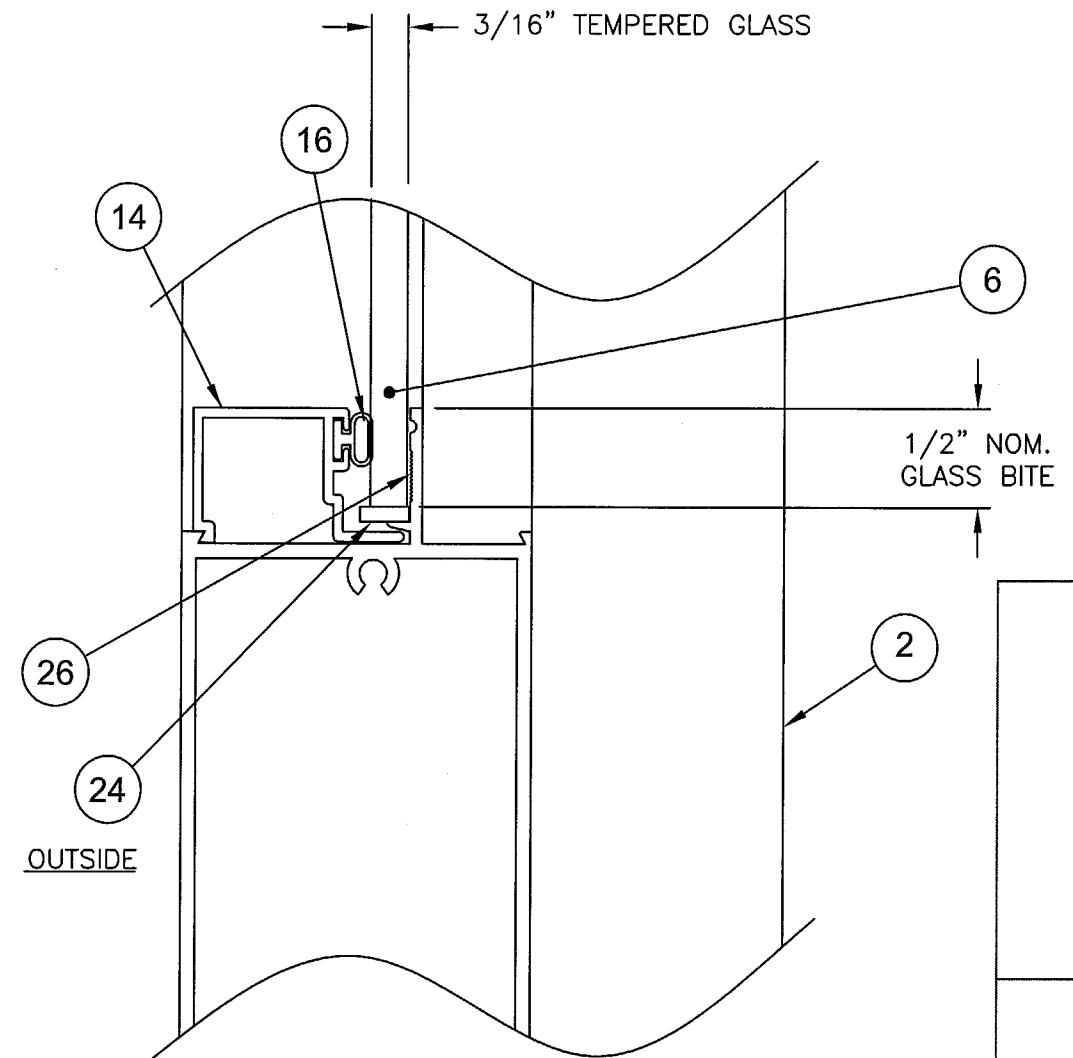
*L A I*  
12/18/03

|                   |                   |             |       |  |                              |   |        |        |             |      |  |
|-------------------|-------------------|-------------|-------|--|------------------------------|---|--------|--------|-------------|------|--|
| Revsd By:         | Date:             | Revisions:  |       | 1070 TECHNOLOGY DRIVE<br>NOKOMIS, FL 34275<br><br>P.O. BOX 1529<br>NOKOMIS, FL 34274 | <b>PGT</b><br>Visibly Better | Description:<br>ELEVATION, NOTES AND DESIGN PRESSURES |        |        |             |      |  |
| Revsd By:         | Date:             | Revisions:  |       |  |                              | Title:<br>ALUMINUM SIDELITE                           |        |        |             |      |  |
| Revsd By:         | Date:             | Revisions:  |       |  |                              | Series/Model:   | Scale: | Sheet: | Drawing No. | Rev: |  |
| Drawn By:<br>F.K. | Date:<br>11/17/03 | Checked By: | Date: |  |                              | FD-101  | NTS    | 1 of 5 | 992         |      |  |

Lucas A. Turner, P.E.  
PE #58201  
Mechanical




5/8" I.G. GLAZING DETAIL



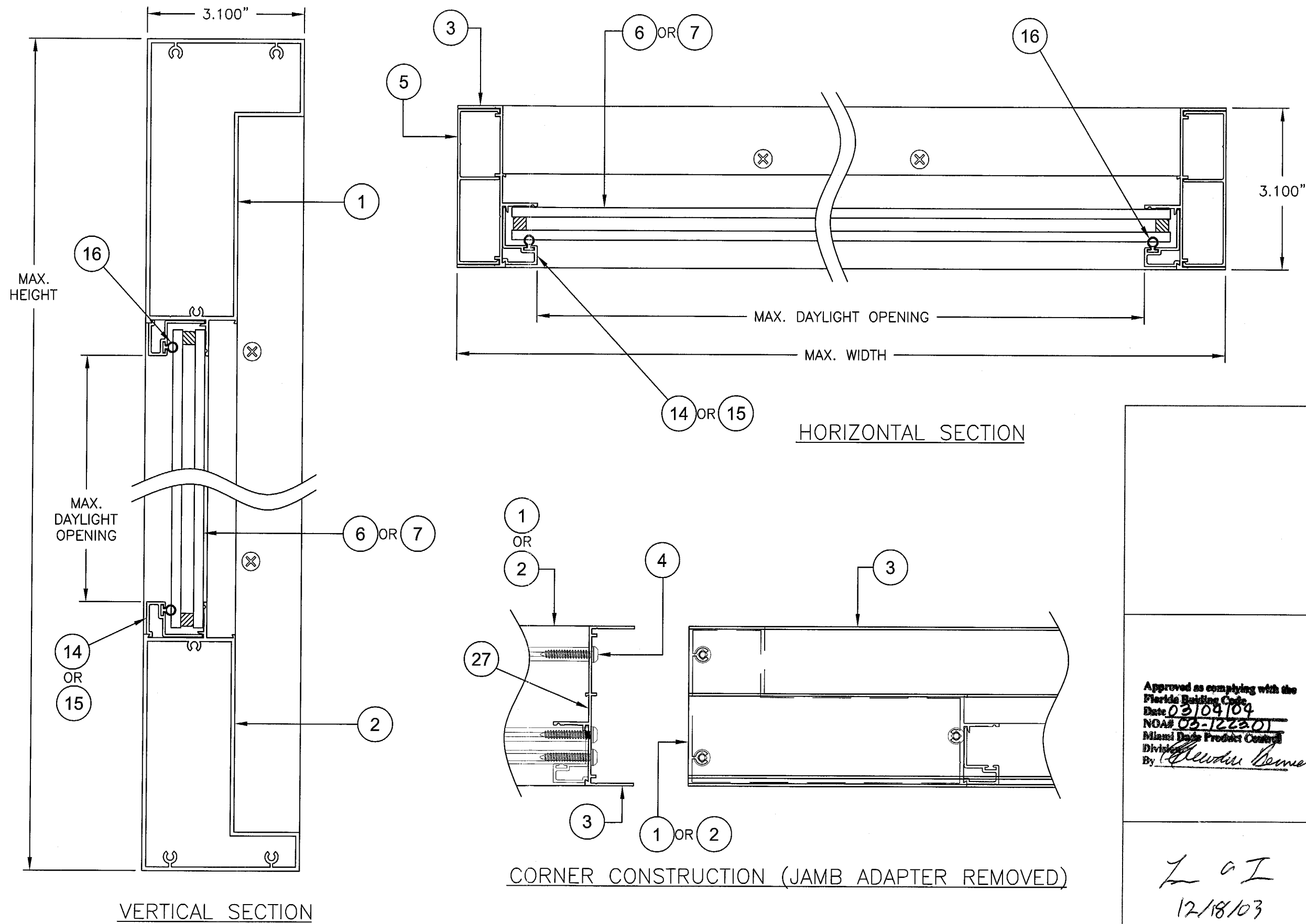
3/16" GLAZING DETAIL

Approved as complying with the  
Florida Building Code  
Date: 03/04/04  
NOA# 03-1223-01  
Miami Code Product Control  
Division  
By: Heidi Lerner

L A T  
12/18/03


|                   |                   |             |       |  |   |                                 |  |              |                  |                    |      |
|-------------------|-------------------|-------------|-------|--|---|---------------------------------|--|--------------|------------------|--------------------|------|
| Revsd By:         | Date:             | Revisions:  |       | 1070 TECHNOLOGY DRIVE<br>NOKOMIS, FL 34275<br><br>P.O. BOX 1529<br>NOKOMIS, FL 34274 | <br>Visibly Better | Description:<br>GLAZING DETAILS |  |              |                  |                    |      |
| Revsd By:         | Date:             | Revisions:  |       |  |   | Title:<br>ALUMINUM SIDELITE     |  |              |                  |                    |      |
| Revsd By:         | Date:             | Revisions:  |       |  |   | Series/Model:<br>FD-101         |  | Scale:<br>1x | Sheet:<br>2 of 5 | Drawing No.<br>992 | Rev: |
| Drawn By:<br>F.K. | Date:<br>11/17/03 | Checked By: | Date: |  |   |                                 |  |              |                  |                    |      |

Lucas A. Turner, P.E.  
PE #58201  
Mechanical



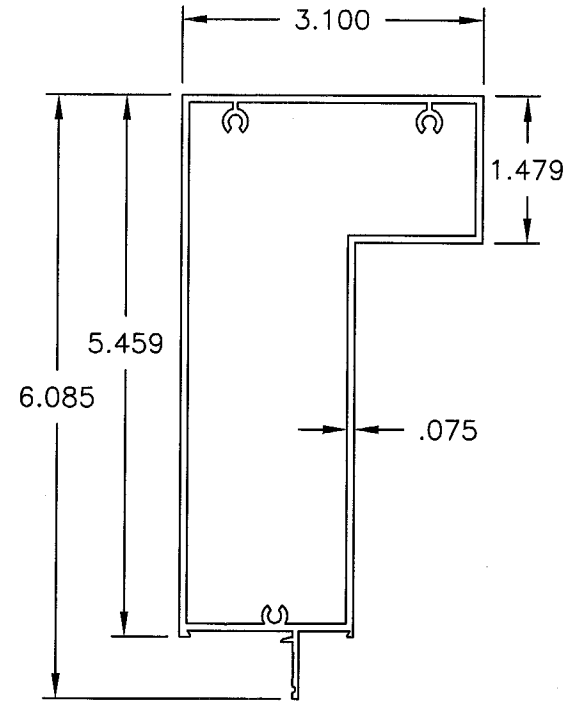
Approved as complying with the  
 Florida Building Code  
 Date: 03/04/04  
 NOA# 03-122301  
 Miami-Dade Product Control  
 Division  
 By: *[Signature]*

*L O I*  
 12/18/03

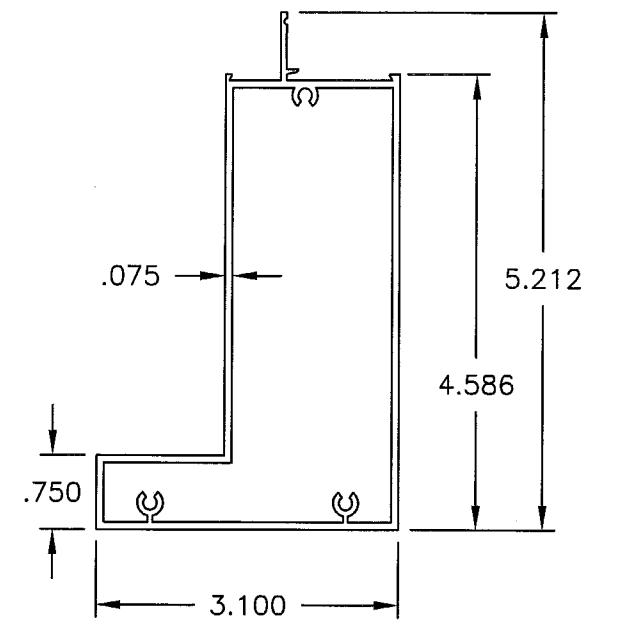
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| Revsd By:         | Date:             | Revisions:  |       |  | 1070 TECHNOLOGY DRIVE<br>NOKOMIS, FL 34275<br><br>P.O. BOX 1529<br>NOKOMIS, FL 34274 | <br>Visibly Better | Description:<br>SECTIONS AND CORNER CONSTRUCTION |  |  |  |  |  |  |
| Revsd By:         | Date:             | Revisions:  |       |  |  |   | Title:<br>ALUMINUM SIDELITE                      |  |  |  |  |  |  |
| Revsd By:         | Date:             | Revisions:  |       |  |  |   |  |  |  |  |  |  |  |
| Drawn By:<br>F.K. | Date:<br>11/17/03 | Checked By: | Date: |  |  |   |  |  |  |  |  |  |  |

Lucas A. Turner, P.E.  
 FE #58201  
 Mechanical

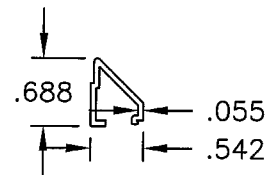
| Item | Dwg # | Description  | Qty.     | PGT#     |
|------|-------|--|----------|----------|
| 1    | 920   | Sidelite Header  | 1        | 6920B    |
| 2    | 921   | Sidelite Sill  | 1        | 60415    |
| 3    | 916   | Sidelite Jamb  | 2        | 60381    |
| 4    | 1155  | #8 x 1.000 Quad Pn. SMS  | 6 / Jamb | 781PQA   |
| 5    | 934   | Sidelite Jamb Adapter  | 2        | 61641M   |
| 6    |       | 3/16" Tempered Glass   | 1        |          |
| 7    |       | 5/8" I.G. Glass - Comprised of 3/16" Tempered Glass, 1/4" Air Space and 3/16" Tempered Glass | 1        |          |
| 8    | 986   | SL Interior Bead   | 2        | 6986     |
| 13   | 4046  | 3/16" & 1/4" Grill Kit Bead  | 2        | 644842   |
| 14   | 989   | 3/16" Bead   | 2        | 6989     |
| 15   | 4057  | 5/8" IG Bead   | 2        | 64057    |
| 16   | 1224  | Bulb, Thick (Used in all Extruded Bead)  | 2        | 6TP247   |
| 17   | 124   | Applied Colonial Muntin, High (used on interior of door)                                     | As Req'd | 66631    |
| 18   | 1240  | Flat Bar (used on interior of door)  | As Req'd | 68926T52 |
| 19   | 1262  | Applied Muntin, High, Endpiece (used on interior of door)                                    | As Req'd | 41730    |
| 20   | 523   | Applied Muntin, High, Intersect (used on interior of door)                                   | As Req'd | 41726    |
| 21   | 1239  | Applied Muntin, Low (used on exterior of door)   | As Req'd | 68421    |
| 22   | 547   | Applied Muntin, Low, Endpiece (used on exterior of door)                                     | As Req'd | 41652    |
| 23   | 522   | Applied Muntin, Low, Intersect (used on exterior of door)                                    | As Req'd | 41630    |
| 24   |       | Setting Block, 3/32" x 1/4" x 1" w/psa   | 6        | 712653K  |
| 25   |       | Setting Block, 1/16" x 1/2" x 1" w/psa   | 4        | 71267K   |
| 26   |       | Glazing Compound - Dow 899 or 995  | As Req'd |          |
| 27   |       | Narrow Joint Sealant - Schnee-Morehead SM5504 or Equal                                       | As Req'd |          |



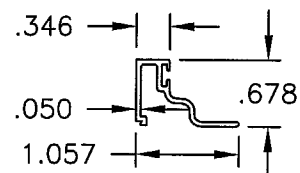
1 SIDELITE HEADER  
6063-T5



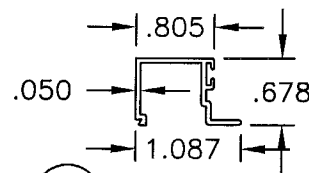
2 SIDELITE SILL  
6063-T5



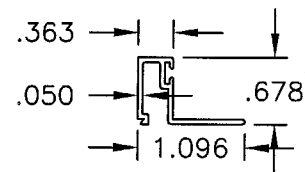
8 SL INTERIOR  
BEAD  
6063-T5



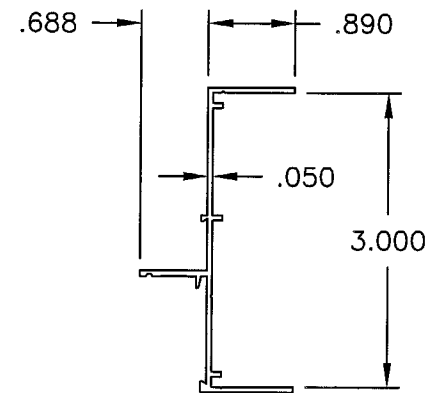
13 3/16" & 1/4"  
GRILL KIT BEAD  
6063-T5



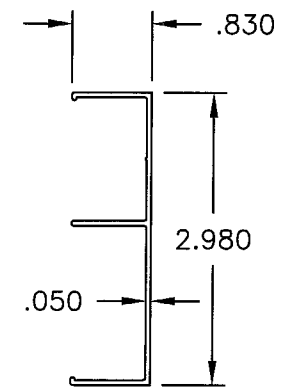
14 3/16" BEAD  
6063-T5



15 5/8" I.G. BEAD  
6063-T5



3 SL JAMB  
6063-T5



5 SL JAMB ADAPTER  
6063-T5

Approved as complying with the  
Florida Building Code  
Date: 03/04/04  
NOAA 05-1223.01  
Miami Dade Product Control  
Division  
By: *Michael Berner*

*Lu GZ*  
12/18/03

|           |          |             |       |  |  |  |  |  |  |
|-----------|----------|-------------|-------|--|--|--|--|--|--|
| Revsd By: | Date:    | Revisions:  |       |  |  |  |  |  |  |
| Revsd By: | Date:    | Revisions:  |       |  |  |  |  |  |  |
| Revsd By: | Date:    | Revisions:  |       |  |  |  |  |  |  |
| Drawn By: | Date:    | Checked By: | Date: |  |  |  |  |  |  |
| F.K.      | 11/17/03 |             |       |  |  |  |  |  |  |

1070 TECHNOLOGY DRIVE  
NOKOMIS, FL 34275  
P.O. BOX 1529  
NOKOMIS, FL 34274

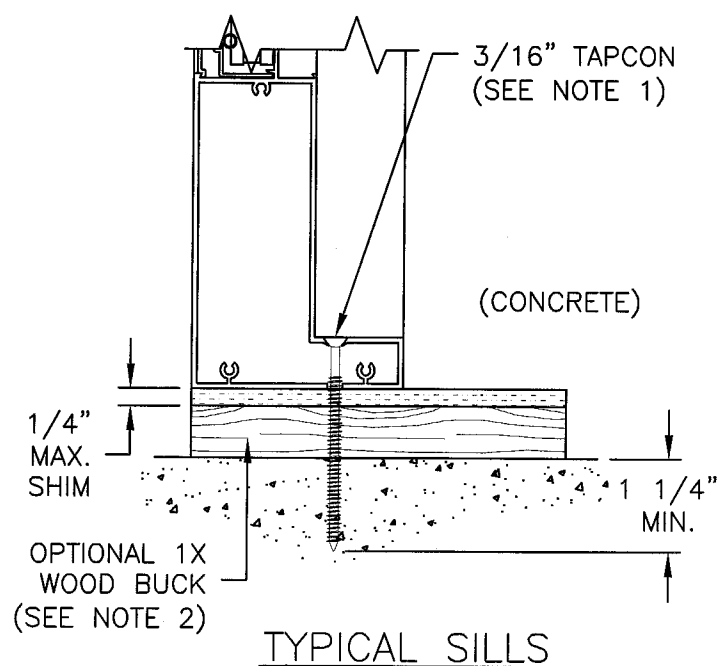
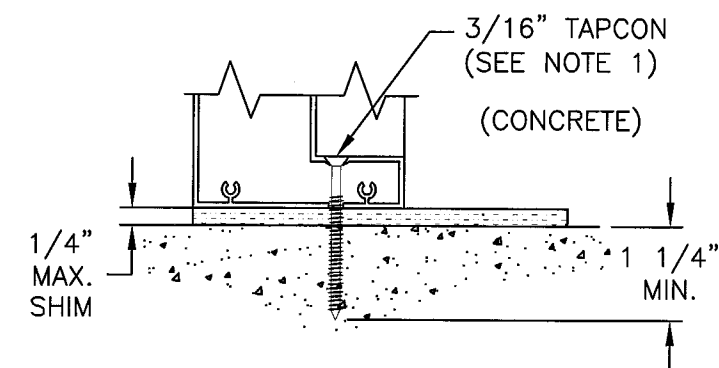
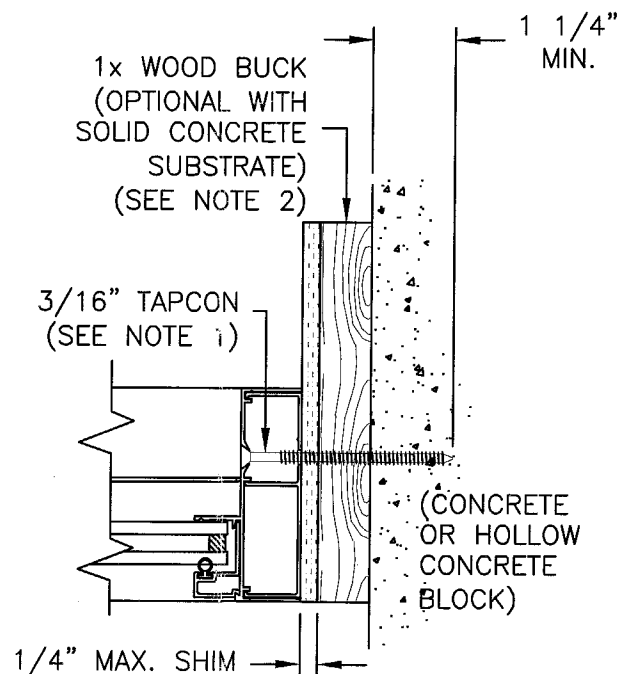
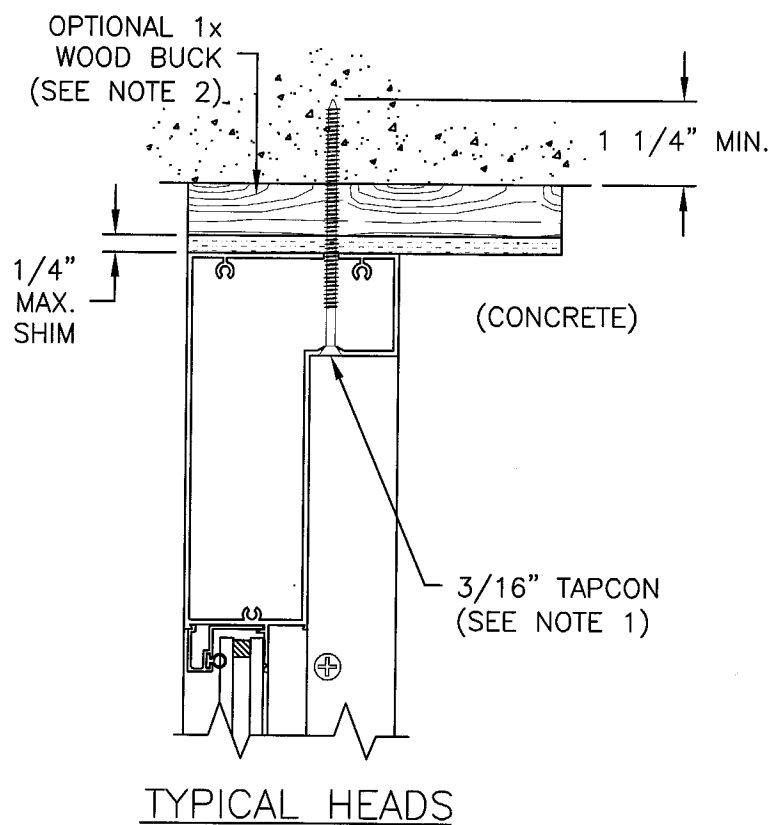
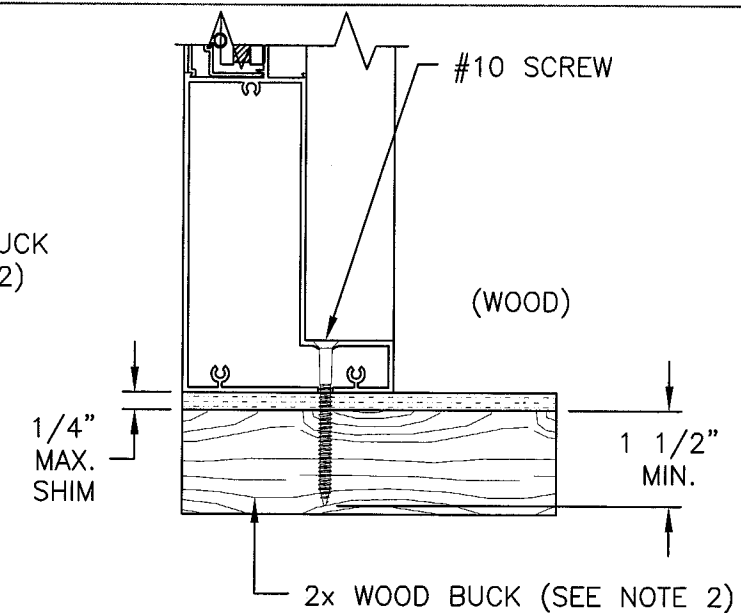
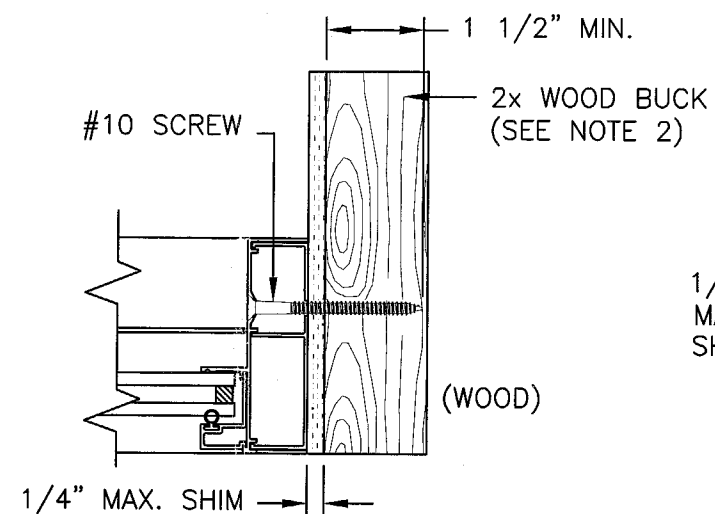
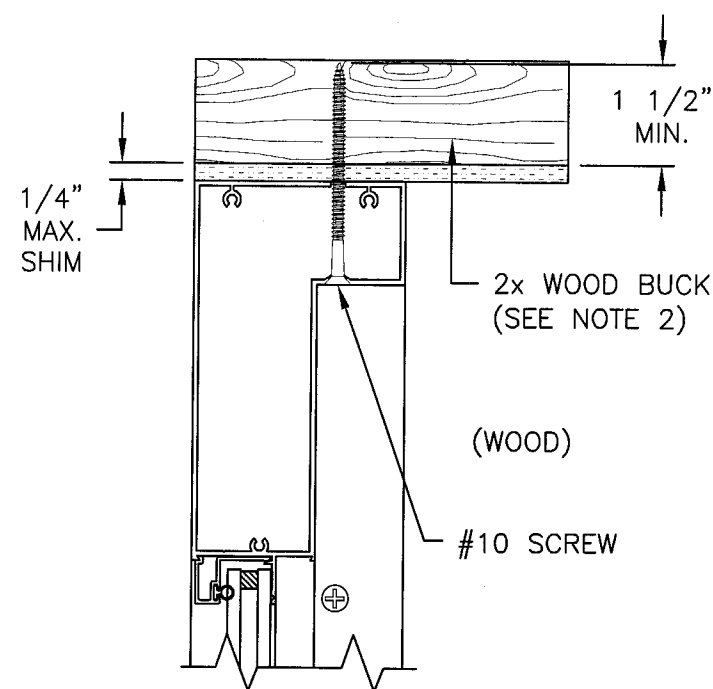
**PGT**  
Visibly Better

Description:  
**PARTS LIST AND EXTRUSION PROFILES**

Title:  
**ALUMINUM SIDELITE**

|               |        |        |             |      |
|---------------|--------|--------|-------------|------|
| Series/Model: | Scale: | Sheet: | Drawing No. | Rev: |
| FD-101        | 1/2x   | 4 of 5 | 992         |      |

Lucas A. Turner, P.E.  
PE #58201  
Mechanical




NOTES:

1. USE ONLY MIAMI-DADE COUNTY APPROVED ELCO OR ITW TAPCONS.
2. A - IN MIAMI-DADE COUNTY, INSTALLATION TO CONCRETE OF WOOD BUCKS TO BE ENGINEERED, PROPERLY ATTACHED TO TRANSFER LOAD AND TO BE REVIEWED BY BUILDING OFFICIAL.
- B - OUTSIDE MIAMI-DADE COUNTY, INSTALLATION TO CONCRETE OF WOOD BUCKS TO BE ENGINEERED BY OTHERS OR AS APPROVED BY BUILDING OFFICIAL.

Approved as complying with the  
Florida Building Code  
Date 03/04/04  
NOA# 03-1223.01  
Miami-Dade Product Control  
Division  
By [Signature]

LGL  
12/18/03

Lucas A. Turner, P.E.  
PE #58201  
Mechanical

|                   |                   |             |       |  |   |                                    |               |                  |                    |      |
|-------------------|-------------------|-------------|-------|--|---|------------------------------------|---------------|------------------|--------------------|------|
| Revsd By:         | Date:             | Revisions:  |       | 1070 TECHNOLOGY DRIVE<br>NOKOMIS, FL 34275<br><br>P.O. BOX 1529<br>NOKOMIS, FL 34274 | <br>Visibly Better | Description:<br><b>ANCHORAGE</b>   |               |                  |                    |      |
| Revsd By:         | Date:             | Revisions:  |       |  |   | Title:<br><b>ALUMINUM SIDELITE</b> |               |                  |                    |      |
| Revsd By:         | Date:             | Revisions:  |       |  |   | Series/Model:<br>FD-101            | Scale:<br>NTS | Sheet:<br>5 of 5 | Drawing No.<br>992 | Rev: |
| Drawn By:<br>F.K. | Date:<br>11/17/03 | Checked By: | Date: |  |   |                                    |               |                  |                    |      |